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ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/668,005	SATO, TOMOTOSHI
	Examiner	Art Unit
	Doug Hutton	2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>18 January 2005</u>.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-76</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-76</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on <u>20 April 2004</u> is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 18

January 2005 has been entered.

In the RCE, Applicant amended Claims 1, 19 and 26-28, and argued against all

rejections previously set forth in the Office Action dated 17 September 2004.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-12 and 14-28 remain rejected under 35 U.S.C. 102(e) as being

anticipated by Blumberg et al., U.S. Patent Application Publication US 2003/0140315

A1.

Claim 1:

Blumberg discloses a method for previewing an electronic document (see Page 1, Paragraph 0009), the method comprising:

- generating the electronic document at a client (see Page 7, Paragraph 0143 – Blumberg discloses this limitation in that the computerized printing system comprises a document authoring tool with a web interface; thus, Blumberg discloses "generating [an] electronic document at a client");

- transmitting document information associated with the electronic document from the client to a printing device having a print process for generating hard-copy printouts of electronic documents at the printing device (see Figures 2 and 3; see Page 4, Paragraphs 0058-0074; see Page 7, Paragraph 0141 through Page 8, Paragraph 0154 – Blumberg discloses this limitation in that the computerized printing system comprises: 1) Virtual Builder, which allows a user to select and view finishing options for the document via a client/server printing system; and 2) print servers connected to printers, which allow a user to print the document; thus, Blumberg discloses "transmitting document information associated with the electronic document from the client to a printing device having a print process for generating hard-copy printouts of electronic documents at the printing device;" in other words, the **entire** system of Blumberg is the "printing device" and all of its parts are part of a "print process" that generates hard-copy printouts of electronic documents);

- the printing device generating preview document data based on the document

  information and a set of one or more specific characteristics associated with the

  printing device, wherein the set of one or more specific characteristics are

  unavailable at the client (see Page 3, Paragraph 0058 through Page 6,

  Paragraph 0106 – Blumberg discloses this limitation in that the computerized

  printing system comprises Virtual Builder, which allows the user to preview the

  finished document based on user-selected finishing options that are not available

  at the client; see the various finishing options in Paragraphs 0067-0071; thus,

  Blumberg discloses "the printing device generating preview document data

  based on the document information and a set of one or more specific

  characteristics associated with the printing device, wherein the set of one or

  more specific characteristics are unavailable at the client");

- the printing device transmitting the preview document data to the client (see

  Page 3, Paragraph 0058 through Page 6, Paragraph 0106 – Blumberg discloses

  this limitation in that the computerized printing system comprises Virtual Builder,

  which allows the user to preview the finished document at the client computer;

  thus, Blumberg discloses "the printing device transmitting the preview document

  data to the client"); and

- previewing the electronic document at the client based on the preview document

  data received from the printing device (see Page 3, Paragraph 0058 through

  Page 6, Paragraph 0106 – Blumberg discloses this limitation in that the

  computerized printing system comprises Virtual Builder, which allows the user to

preview the finished document at the client computer; thus, Blumberg discloses "previewing the electronic document at the client based on the preview document data received from the printing device").

Claim 2:

Blumberg discloses the method of Claim 1, wherein:

- the printing device is a multi-functional printer (MFP) (Virtual Builder is a "multi-functional printer" in that it is an online "printer" that will print the submitted document as it would appear in its "finished" state; that is, the "finished" document printed by Virtual Builder will have the "look and feel" of the "actual" document); and

- the step of transmitting the document information includes transmitting document information to the MFP (as explained in the above rejection for Claim 1, the "document information" is transmitted to Virtual Builder).

Claim 3:

Blumberg discloses the method of Claim 1, wherein:

- the document information is Page Description Language (PDL) data (the "document information" is PDL data in that the document is created using a typical word processor); and

• the step of transmitting document information includes transmitting PDL data
  from the client to the printing device (as explained in the above rejection for
  Claim 1, the "document information" is transmitted to Virtual Builder).

Claim 4:

Blumberg discloses the method of Claim 1, wherein the step of generating
preview document data at the printing device includes generating raster image data at
the printing device based upon the document information and the set of one or more
specific characteristics associated with the printing device (Page 6, Paragraphs 0107-
0110).

Claim 5:

Blumberg discloses the method of Claim 1, wherein the step of generating
preview document data at the printing device includes generating a bitmap image at the
printing device based upon the document information and the set of one or more
specific characteristics associated with the printing device (Page 9, Paragraphs 0184
and 0188).

Claim 6:

Blumberg discloses the method of Claim 1, wherein:

- the printing device is associated with one or more different paper characteristics that are available for printing electronic documents (Page 4, Paragraph 0068); and

- the set of one or more specific characteristics associated with the printing device includes one or more of the one or more different paper characteristics that are available for printing electronic documents (Page 4, Paragraph 0068).

Claim 7:

Blumberg discloses the method of Claim 6, wherein the one or more different paper characteristics includes one or more paper type characteristics, wherein the one or more paper type characteristics indicate a specific type of paper that has been for printing the electronic document (Page 4, Paragraph 0068).

Claim 8:

Blumberg discloses the method of Claim 6, wherein the one or more different paper characteristics includes one or more paper color characteristics, wherein the one or more paper color characteristics indicate a specific color of paper that has been for printing the electronic document (Page 4, Paragraph 0068).

Claim 9:

Blumberg discloses the method of Claim 1, wherein:

- the printing device supports one or more different fonts that are available for printing electronic documents (Page 4, Paragraph 0174); and

- the set of one or more specific characteristics associated with the printing device includes one more of the one or more different fonts that are available for printing electronic documents (Page 4, Paragraph 0174).

Claim 10:

Blumberg discloses the method of Claim 1, wherein:

- the printing device is associated with one or more different stapling characteristics that are available for selection (Page 4, Paragraph 0071 and Page 10, Paragraph 0193); and

- the set of one or more specific characteristics associated with the printing device includes one or more of the one or more different stapling characteristics that are available for selection (Page 4, Paragraph 0071 and Page 10, Paragraph 0193).

Claim 11:

Blumberg discloses the method of Claim 1, wherein:

- the printing device is associated with one or more different finishing characteristics that are available for selection (Page 4, Paragraphs 0064-0074); and

- the set of one or more specific characteristics associated with the printing device includes one or more of the one or more different finishing characteristics that are available for selection (Page 4, Paragraphs 0064-0074).

Claim 12:

Blumberg discloses the method of Claim 1, wherein:

- the client includes a print driver that is associated with the printing device (the document is created using a word processor; all computers with word processors *inherently* have a print driver); and

- the set of one or more specific characteristics that are unavailable at the client includes one or more characteristics that are unknown to the print driver (Page 4, Paragraphs 0064-0074 – the "specific characteristics" unknown to the print driver include covers, paper types and bindings).

Claim 14:

Blumberg discloses the method of Claim 1, wherein:

- the step of generating preview document data at the printing device further includes the steps of determining the resolution of a display device that is associated with the client (Page 7, Paragraph 0138 and Page 9, Paragraph 0174); and

- generating the preview document data based on the resolution of the display device (Page 7, Paragraph 0138 and Page 9, Paragraph 0174).

Claim 15:

Blumberg discloses the method of Claim 1, wherein:

- the step of generating preview document data at the printing device includes the steps of generating two-dimensional (2-D) preview document data (see Figure 1); and

- the step of displaying the preview version of the electronic document includes the step of displaying portions of the electronic document at the client in 2-D (see Figure 1).

Claim 16:

Blumberg discloses the method of Claim 1, wherein:

- the step of generating preview document data at the printing device includes the steps of generating three-dimensional (3-D) preview document data (Page 10, Paragraph 0200 through Page 11, Paragraph 0210); and

- the step of displaying the preview version of the electronic document includes the step of displaying portions of the electronic document at the client in 3-D (Page 10, Paragraph 0200 through Page 11, Paragraph 0210).

Claim 17:

Blumberg discloses the method of Claim 1, wherein:

- the step of generating preview document data at the printing device includes the steps of generating HyperText Markup Language (HTML) data at the printing

device (the reference discloses a client communicating with an online printer; thus, the "printing device" ***inherently*** "generates HTML data"); and

- the step of transmitting the preview document data to the client includes the step of transmitting the HTML data to the client from the printing device (the reference discloses a client communicating with an online printer; thus, the "printing device" ***inherently*** "transmits HTML data" to the client).

Claim 18:

Blumberg discloses the method of Claim 1, wherein:

- the step of generating preview document data at the printing device includes the steps of generating; Extensible Markup Language (XML) data at the printing device (Pages 3 and 4, Paragraph 0061); and

- the step of transmitting the preview document data to the client includes the step of transmitting the XML data to the client from the printing device (Pages 3 and 4, Paragraph 0061).

Claim 19:

Blumberg discloses a method for previewing an electronic document (see Page 1, Paragraph 0009), the method comprising:

- receiving from a client at a printing device document information associated with an electronic document, wherein the printing device includes a print process for generating hard-copy printouts of electronic documents at the printing device

(see Figures 2 and 3; see Page 4, Paragraphs 0058-0074; see Page 7,

Paragraph 0141 through Page 8, Paragraph 0154 – Blumberg discloses this

limitation in that the computerized printing system comprises: 1) Virtual Builder,

which allows a user to select and view finishing options for the document via a

client/server printing system; and 2) print servers connected to printers, which

allow a user to print the document; thus, Blumberg discloses "receiving from a

client at a printing device document information associated with an electronic

document, wherein the printing device includes a print process for generating

hard-copy printouts of electronic documents at the printing device;" in other

words, the "finishing options" of Blumberg are the "document information," and

the *entire* system of Blumberg is the "printing device" and all of its parts are part

of a "print process" that generates hard-copy printouts of electronic documents);

- the printing device generating preview document data based on the document

  information and a set of one or more specific characteristics associated with the

  printing device (see Page 3, Paragraph 0058 through Page 6, Paragraph 0106 –

  Blumberg discloses this limitation in that the computerized printing system

  comprises Virtual Builder, which allows the user to preview the finished

  document based on user-selected finishing options that are available at the

  printers connected to the system; thus, Blumberg discloses "the printing device

  generating preview document data based on the document information and a set

  of one or more specific characteristics associated with the printing device"); and

- the printing device transmitting to the client the preview document data for

    causing a display unit associated with the client to display a preview version of

    the electronic document (see Page 3, Paragraph 0058 through Page 6,

    Paragraph 0106 – Blumberg discloses this limitation in that the computerized

    printing system comprises Virtual Builder, which allows the user to preview the

    finished document at the client computer; thus, Blumberg discloses "the printing

    device transmitting to the client the preview document data for causing a display

    unit associated with the client to display a preview version of the electronic

    document").

Claim 20:

Blumberg discloses the method of Claim 19, wherein:

- the document information is Page Description Language (PDL) data; and

- the step of receiving document information includes receiving PDL data at the

    printing device (these limitations are disclosed by the prior art as discussed in the

    rejection for Claim 3).

Claim 21:

Blumberg discloses the method of Claim 19, wherein the step of generating

preview document data at the printing device includes generating raster image data at

the printing device based upon the document information and the set of one or more

specific characteristics associated with the printing device (these limitations are

disclosed by the prior art as discussed in the rejection for Claim 4).

Claim 22:

Blumberg discloses the method of Claim 19, wherein:

- the printing device is associated with one or more different paper characteristics

  that are available for printing electronic documents; and

- the set of one or more specific characteristics associated with the printing device

  includes one or more of the one or more different paper characteristics that are

  available for printing electronic documents (these limitations are disclosed by the

  prior art as discussed in the rejection for Claim 6).

Claim 23:

Blumberg discloses the method of Claim 19, wherein:

- the printing device is associated with one or more different finishing

  characteristics that are available for selection; and

- the set of one or more specific characteristics associated with the printing device

  includes one or more of the one or more different finishing characteristics that are

  available for selection (these limitations are disclosed by the prior art as

  discussed in the rejection for Claim 11).

Claim 24:

Blumberg discloses the method of Claim 19, wherein the step of generating

preview document data at the printing device further includes the steps of:

- determining a display resolution of the display device that is associated with the

  client; and

- generating the preview document data based on the display resolution of the

  display device (these limitations are disclosed by the prior art as discussed in the

  rejection for Claim 14).

Claim 25:

Blumberg discloses the method of Claim 19, wherein:

- the step of generating preview document data at the printing device includes

  generating three-dimensional (3-D) preview document data; and

- the step of transmitting to the client the preview document data includes

  transmitting preview document data that causes the preview version of the

  electronic document to be displayed in 3-D on the display unit associated with

  the client (these limitations are disclosed by the prior art as discussed in the

  rejection for Claim 16).

Claims 26, 29-39 and 41-45:

Claims 26, 29-39 and 41-45 merely recite a computer-readable medium for

performing the methods of Claims 1-12 and 14-18, respectively. Thus, Blumberg

discloses every limitation of Claims 26, 29-39 and 41-45, as indicated in the above

rejections for Claims 1-12 and 14-18.

Claim 27:

Blumberg discloses a system for previewing an electronic document (see Page

1, Paragraph 0009), comprising:

- one or more processors (see Figures 2 and 3; see Page 2, Paragraph 0027 –

    Blumberg discloses this limitation in that the computerized printing system

    comprises multiple computer components on a computer network, and thus

    inherently has at least one processor because it involves computer components

    that "process" electronic data to perform the functions of the system);

- one or more memories coupled to the one or more processors (see Page 2,

    Paragraph 0019 – Blumberg discloses this limitation in that the computerized

    printing system comprises a memory that stores finishing options);

- one or more sequences of instructions stored in the one or more memories (see

    Figure 1; see Page 1, Paragraph 0010 – Blumberg discloses this limitation in that

    the computerized printing system comprises software), wherein execution of the

    one or more sequences of instructions by one or more processors causes the

    one or more processors to perform the steps of:

    - receiving from a client at a printing device, having a print process for

        generating hard-copy printouts of electronic documents at the printing

        device, document information associated with the electronic document;

o the printing device generating preview document data based on the
document information and a set of one or more specific characteristics
associated with the printing device; and

o the printing device transmitting the preview document data to the client for
displaying a preview version of the electronic document at the client (as
indicated in the above rejection for Claim 19, Blumberg discloses all of the
above limitations).

Claims 46-56 and 58-62:

Claims 46-56 and 58-62 correspond to Claims 1-12 and 14-18, respectively.
Thus, Blumberg discloses every limitation of Claims 46-56 and 58-62, as indicated in
the above rejections for Claims 1-12 and 14-18.

Claim 28:

Blumberg discloses a document preview apparatus (see Page 1, Paragraph
0009), comprising:

• a memory for storing characteristics that are associated with the document
preview apparatus, wherein the characteristics are unavailable to clients that are
connected to the document preview apparatus (see Page 2, Paragraph 0019;
see Page 3, Paragraph 0058 through Page 6, Paragraph 0106 – Blumberg
discloses this limitation in that the computerized printing system comprises a
memory associated with Virtual Builder, which allows the user to preview the

finished document based on user-selected finishing options that are not available

at the client; see the various finishing options in Paragraphs 0067-0071; thus,

Blumberg discloses "the printing device generating preview document data

based on the document information and a set of one or more specific

characteristics associated with the printing device, wherein the set of one or

more specific characteristics are unavailable at the client");

- a print process for generating hard-copy printouts of electronic documents at the

  document preview apparatus (see Figures 2 and 3; see Page 4, Paragraphs

  0058-0074; see Page 7, Paragraph 0141 through Page 8, Paragraph 0154 –

  Blumberg discloses this limitation in that the computerized printing system

  comprises: 1) Virtual Builder, which allows a user to select and view finishing

  options for the document via a client/server printing system; and 2) print servers

  connected to printers, which allow a user to print the document; thus, Blumberg

  discloses "a print process for generating hard-copy printouts of electronic

  documents at the document preview apparatus;" in other words, the *entire*

  system of Blumberg is the "printing device" and all of its parts are part of a "print

  process" that generates hard-copy printouts of electronic documents); and

- one or more processors (see Figures 2 and 3; see Page 2, Paragraph 0027 –

  Blumberg discloses this limitation in that the computerized printing system

  comprises multiple computer components on a computer network, and thus

  inherently has at least one processor because it involves computer components

that "process" electronic data to perform the functions of the system) that are configured for:

- o receiving, from a client, at a printing device document information associated with an electronic document;

- o generating, at the document preview apparatus, preview document data at the printing device based on the document information and a set of one or more specific characteristics associated with the printing device; and

- o transmitting to the client the preview document data for causing a display unit associated with the client to display a preview version of the electronic document (as indicated in the above rejection for Claim 19, Blumberg discloses all of the above limitations).

Claims 63-69:

Claims 63-69 merely recite a computer-readable medium for performing the methods of Claims 19-25, respectively. Thus, Blumberg discloses every limitation of Claims 63-69, as indicated in the above rejections for Claims 19-25.

Claims 70-76:

Claims 70-76 merely recite a computer apparatus medium for performing the methods of Claims 19-25, respectively. Thus, Blumberg discloses every limitation of these claims, as indicated in the above rejections for Claims 19-25.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 13, 40 and 57 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Blumberg, in view of Bando, U.S. Patent No. 6,449,053.

Claim 13:

As indicated in the above discussion, Blumberg discloses every element of Claim

1. Blumberg also discloses a print driver that is associated with the printing device (as

indicated in the rejection for Claim 12).

Blumberg fails to expressly disclose:

- a print driver is that associated with one or more print driver attributes that are

  not supported by the printing device; and

- in the step of generating preview document data, wherein the document data at

  the printing device includes the step of translating one or more of the one or

  more print driver attributes into one or more printing device attributes that are

  supported by the printing device.

Bando teaches:

- a print driver is that associated with one or more print driver attributes that are not supported by the printing device (see Column 1, Line 13 through Column 2, Line 30 – the printing device does not support all fonts in the PDL); and

- translating one or more of the one or more print driver attributes into one or more printing device attributes that are supported by the printing device (see Column 1, Line 13 through Column 2, Line 30 – the RIP converts PDL into raster image data),

for the purpose printing documents on the print device and reducing the overall cost of the computer network (see Column 1, Lines 62-67).

Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the method, disclosed in Blumberg, to include:

- a print driver is that associated with one or more print driver attributes that are not supported by the printing device; and

- in the step of generating preview document data, the document data at the printing device includes the step of translating one or more of the one or more print driver attributes into one or more printing device attributes that are supported by the printing device,

for the purpose printing documents on the print device and reducing the overall cost of the computer network, as taught by Bando.

Claim 40:

Claim 40 merely recites a computer-readable medium for performing the method

of Claim 13. Thus, Blumberg, in view of Bando, discloses/teaches every limitation of

Claim 40 and is rejected, as indicated in the above rejection for Claim 13.

Claim 57:

Claim 57 merely recites a computer system for performing the method of Claim

13. Thus, Blumberg, in view of Bando, discloses/teaches every limitation of Claim 57

and is rejected, as indicated in the above rejection for Claim 13.

Response to Arguments

Applicant's arguments filed 18 January 2005 have been fully considered but they

are not persuasive.

Applicants arguments for Claims 1, 19 and 26-28:

Applicant argues that Blumberg fails to disclose "a print process for generating

hard-copy printouts of electronic documents at the printing device," as recited in the

claims, because the on-demand print server disclosed in Blumberg is a "classic

conventional server for managing documents, without any printing capabilities or any

'print process for generating hard-copy printouts of electronic documents.'" Applicant

supports this argument by stating that the printing in Blumberg is "handled by other

entities, such as local printer 260, or printers available at corporate reproduction center 280." See *Applicant's Response* – Page 22, second full paragraph and Page 23, first full paragraph.

The examiner disagrees.

As indicated in the above rejection for Claim 1, the computerized printing system of Blumberg comprises: 1) Virtual Builder, which allows a user to select and view finishing options for the document via a client/server printing system; and 2) print servers connected to printers, which allow a user to print the document. Thus, Blumberg discloses "transmitting document information associated with the electronic document from the client to a printing device having a print process for generating hard-copy printouts of electronic documents at the printing device." In other words, the **entire** system of Blumberg is the "printing device" and all of its parts are part of a "print process" that generates hard-copy printouts of electronic documents.

As Applicant notes, the local printer (see element 260 in Figure 2) and the corporate reproduction center (see element 380 in Figure 3) print documents. Also, the local production center (see element 370 in Figure 3) prints documents. Each of these components are part of the computerized printing system. Thus, the computerized printing system disclosed in Blumberg comprises a printing device having a print process for generating hard-copy printouts of electronic documents at the printing device.

Applicants arguments for all other claims:

Applicant argues that all other claims are allowable because they are dependent

upon the independent claims. See *Applicant's Response* – Pages 22-25.

The examiner disagrees.

As indicated in the above Response to Arguments and the above rejections,

Blumberg discloses every limitation of the independent claims.

Conclusion

This is a Request for Continued Examination. All claims are drawn to the same

invention claimed in the application prior to the entry of the submission under 37 CFR

1.114 and could have been finally rejected on the grounds and art of record in the next

Office action if they had been entered in the application prior to entry under 37 CFR

1.114. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action after

the filing of a request for continued examination and the submission under 37 CFR

1.114. See MPEP §706.07(b). Applicant is reminded of the extension of time policy as

set forth in 37 CFR **1.136(a)**.

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no, however, event will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Doug Hutton whose telephone number is (571) 272-4137. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached at (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2100.

WDH
February 7, 2005

HEATHER R. HERNDON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100